



May 20, 2013

ADDENDUM NO. 1

Invitation to Bid No. 400090

RE: REFUSE BODIES – SIDE LOAD WITH LEAF COLLECTOR

Instruction to Bidders:

- 1. Replace pages 1-37 with enclosed pages 1A – 38A.**
- 2. The bid opening date will be changed to June 4, 2013.**

SIGN the Addendum below acknowledging receipt and understanding, INSERT it in the bidding document, and RETURN it with your bid.

CITY OF ROCHESTER

Charles Zettek, Jr.
Purchasing Agent

The undersigned bidder acknowledges receipt & understanding of Addendum No. 1.

_____, 2013 _____



REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

1. SCOPE

The following specifications are intended to meet the requirements of the City of Rochester to purchase three (3) side load refuse bodies 23-24 cubic yard with leaf collector, chassis mounted and to establish a term contract with the successful bidder to purchase Parts and Repairs for the side load refuse bodies.

2. BID SECURITY

A bid security in the amount of five percent (5%) of the base bid must be submitted with the bid. The security may be in the form of a bond, cash, certified check, or irrevocable letter of credit, payable on demand to the City of Rochester. The surety company must be licensed to transact business in the state of New York.

3. PERFORMANCE SECURITY

- 3.1 The contractor will be required to execute a Performance Security for the furnishing and delivery of this equipment.
- 3.2 The bidder shall, within ten (10) calendar days after acceptance of the bidder's proposal by the City, furnish the Performance Bond in an amount equal to fifty (50%) of the contract, in the form of a bond, cash, certified check or irrevocable letter of credit, payable on demand to the City of Rochester. The surety company must be licensed to transact business in the state of New York.
- 3.3 The performance bond shall be in force until the City accepts delivery of all items ordered and the warranty period starts.

4. FAILURE TO FURNISH SECURITY

In the event that the bidder fails to furnish the Performance Security within ten (10) calendar days after notification of Award by the City, then the bid deposit of the bidder shall be retained by the City as liquidated damages and not as a penalty. IT BEING NOW AGREED that the sum is a fair estimate of the amount of damages that said City sustain due to the bidder's failure to furnish the performance security.

5. PREPARATION OF PROPOSAL

- 5.1 The proposal is contained in these contract documents and **MUST NOT BE DETACHED HERE FROM** by and bidder when submitting a proposal.
- 5.2 All blank spaces on the proposal page of this specification must be correctly filled in either a unit price or a lump sum price, as the case may be, must be stated for each and every item, either typed in or written in ink, in figures, and if requested in words.
- 5.3 All blank spaces on the questionnaire page or pages must be correctly filled in. Answers must be stated for each and every item, either typed in or written in ink, in figures, and if required in words.

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

6. BASE BID

Attention of the Bidder is called to the fact that the Proposal and Bid Form requires, under Base Bid, the Net Delivered Price covering the item(s) specified. Any deductions for freight allowance, cash discount, or quantity rebate should be included in the total net price, as given on the bidding sheet, and should not be listed as separate items.

7. CONTRACT PERIOD

- 7.1 The successful bidder agrees to enter into a contract with the City to sell items listed in the Purchase Contract Proposal for a period of one-hundred fifty (150) days after the award of the Purchase Contract. The Purchase Contract may be extended past 150 days upon mutual agreement in writing of both parties.
- 7.2 The successful bidder agrees to enter into a three (3) year Service Term Contract with the City to provide parts and/or repairs to the City at prices stated in the Service Term Contract.
- 7.3 The City reserves the right to extend the Service Term Contract for up to two (2) additional terms of one (1) year or less, upon mutual agreement between the City and the successful bidder.

8. PRICES

- 8.1 Price stated on the Purchase Contract Proposal shall be firm and valid during the term of the Purchase Contract (Section 7.1).
- 8.2 Prices for parts during the Service Term Contract shall be determined by applying the bidder's stated discount to the manufacturer's price list specified herein, and subsequent revisions thereof by the manufacturer.
- 8.3 Contractor shall notify the Purchasing Agent in writing a minimum of two weeks prior to revision of price list and shall submit two copies of revised prices. New manufacturer's price lists may be submitted by the contractor not more often than at 90 day intervals.
- 8.4 Bidder shall quote single percentage discount only. Bids containing multiple discounts are subject to rejection.
- 8.5 If bid is based upon a price list other than that specified herein, the bid must be accompanied with a copy of such list, cross referenced to the part numbers of the manufacturer's price lists stipulated herein.
- 8.6 Prices for labor for service during the Service Term Contract shall be at the hourly rate stated in the Service Term Contract Proposal. Hourly rates may be adjusted no more than once per year on the anniversary of the contract. Requests for an hourly rate increase must be approved by the City. The City reserves the right to terminate this contract with thirty (30) days written notice to the contractor if an hourly rate increase request is not acceptable to the City.
- 8.7 The City is exempt from State Sales and Federal Excise Taxes. This should be considered when quoting discount.

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

- 8.8 All orders shall be priced F.O.B. destination, including unloading at storeroom door of agency. Exceptions to this provision are not acceptable.
- 8.9 For emergency orders, agency may request shipment by other than normal method. The difference in transportation charges will be borne by the ordering agency. Such charges should be shown separately, on the invoice.
- 8.10 For service and parts supplied under the Service Term Contract, the contractor must provide a written estimate that is approved by the City prior to delivery of any service(s) or part(s).

9. PURCHASE ORDER REQUIRED

- 9.1 Advertisement, receipt of bids and award of this contract for the equipment specified herein signifies the City's intention to purchase the equipment specified. This contract shall not obligate the City to purchase any equipment. However, if the equipment specified is ordered during the period specified in this contract, the equipment will be ordered from the contract vendor.
- 9.2 The City is only obligated to purchase, and the vendor should only deliver items ordered on a City of Rochester Purchase Order.

10. CHANGE ORDERS

Minor changes to the equipment specifications may be made subsequent to the order but prior to delivery, upon the mutual written agreement of the vendor and the City. Such changes are intended to permit modifications for upgrades or improvements during construction which the City determines will improve the quality and/or efficiency of the equipment. Additions or deletions which affect the final total cost must be authorized by Change Order approved by the Purchasing Agent.

11. QUANTITIES

It is the intention of the City to purchase three (3) side load refuse bodies 23-24 cubic yard with leaf collector, chassis mounted, however, this is subject to budget considerations once bids have been received.

- 11.1 The quantities listed in the Proposal are not guaranteed.
- 11.2 No specific quantities can be given as to contract value. The contract shall be for the quantities actually ordered during the contract period. Unit price(s) shall be extended for the actual number of units purchased during the contract period. Quantities for parts and labor during the Service Term Contract cannot be estimated at the time of this bid.
- 11.3 The City will issue a Purchase Order for the actual number of units to be purchased after the contract has been awarded.

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

- 11.4 The City cannot estimate the quantity of service and/or parts that may be ordered under the Service Term Contract. The City reserves the right to utilize other contracts for service and parts if it is more cost effective to do so.

12. COMPLIANCE WITH LAWS

The bidder shall at all times observe and comply with all laws, ordinances and regulations of the Federal, State, Local and City Government, which may in any manner affect the preparation of proposals or the performance of this contract.

13. TAX

The City of Rochester is exempt from paying Manufacturer's Excise, Floor or Sales Tax and for that reason, the bid price shall not include any tax on the item(s) specified. The City of Rochester will furnish a signed exemption form covering the tax, if any, applying to the item or items covered by this specifications, as may be required by law.

14. DELIVERY

The successful bidder will be responsible for delivery of the completed units to the City of Rochester, 945 Mt. Read Blvd., Bldg. #100, Rochester, NY 14606. The contractor shall notify the City of Rochester not less than three (3) days prior to the delivery.

15. DELIVERY DATE

15.1 All completed units must be delivered within one hundred and fifty days (150) after receipt of a City of Rochester purchase order. Upon delivery, the unit(s) shall be thoroughly tested in operation in the presence of an authorized representative of the City to check on the performance of the equipment and operation of the unit as a whole. The successful bidder shall make, at his own expense, any adjustments or alterations that may be required by the City as a result of the operation test.

15.2 Each bidder is required to list on the Proposal and Bid Form the latest date he expects delivery to be made at destination as defined in the "DELIVERY" section. **FAILURE TO INCLUDE A SPECIFIC DATE MAY BE SUFFICIENT GROUNDS FOR REJECTION OF BID.**

16. EXTENSIONS OF TIME - EXCUSABLE DELAYS

16.1 The Purchasing Agent may grant extensions of the Contract time of completion for any delays resulting from cause beyond the Contractor's control, which are not to be considered normal hazards of the Contract. Delays of this classification are as follows:

16.1.1 Acts of the Federal Government, including: controls or restrictions upon the use or obtaining of materials, equipment, tools or labor essential to completion of the work, by reason of war, national defense, or any other national emergency.

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

- 16.1.2 Acts of the City, including but not limited to changes in the method or the scope of work covered by the contract, upon order of the Purchasing Agent.
- 16.1.3 Causes not reasonably foreseeable by the parties to this contract at the time for the execution of the contract which are beyond the control of and through no fault or negligence of the Contractor. This shall include, but not be restricted to: Acts of God or the public enemy, freight embargoes, court actions, fires, floods, epidemics, quarantine and strikes, weather of unusual severity such as hurricanes, tornadoes and cyclones, and weather of unusual severity for the season which directly affect or prohibit the work under the contract.
- 16.1.4 Provided, however, the Contractor notifies the Purchasing Agent in writing within ten (10) days from the beginning of any such delay and detailing the causes of the delay.
- 16.2 Upon receipt of such notification, the Purchasing Agent shall ascertain the facts and the cause and extent of the delay. If, in the opinion of the Purchasing Agent, the delay is properly excusable based on the facts and terms of the contract, the Purchasing Agent may extend the time for completing delivery for a period of time commensurate with the period of excusable delay.
- 16.3 It is further agreed, that the foregoing occurrences shall not result in any claim for damages or contract adjustment other than extension of time.

17. QUALIFICATION OF BIDDER

- 17.1 The City reserves the right to disqualify any bidder unless the firm submitting the bid can meet the following conditions:
- 17.1.1 That the manufacturer or bidder has factory that is currently manufacturing solid waste equipment, with sufficient size and machinery to complete the contract.
- 17.2 Bids will only be considered from side load refuse body and chassis manufacturers or authorized dealers for those manufacturers.
- 17.3 The manufacturers must be able to prove that they have consistently manufactured this type of equipment for 5 years and have at least 100 units in service.
- 17.4 NOTE

In the event a bid submitted by other than the manufacturer, a certificate executed by the manufacturer may be required stating that the bidder is an authorized agent, dealer or distributor of the manufacturer in the Rochester, New York, area, and that the equipment offered is completely in compliance with the specifications and proposal and will be available during the life of the contract. The City reserves the right to reject any proposal from any person, firm or

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

corporation that has failed to perform faithfully on any previous contract with the City.

18. METHOD OF AWARD

- 18.1 It is the intent of the City to award this bid to the lowest responsive and responsible bidder per Total Bid Price in the Purchase Contract Proposal.
- 18.2 The City reserves the right to make an award based on in the lowest cost to the City after factoring in percentage discount for parts and labor rates offered in the Service Term Contract Proposal.
- 18.3 The City reserves the right to reject any bid that is unrealistic or where a disproportionate unit cost is proposed.
- 18.4 The City of Rochester reserves the right to consider informal a bid not prepared and submitted in accordance with the provisions of the bid.

19. REJECTION OF BIDS

- 19.1 The City of Rochester reserves the right to reject any and all bids or proposals if the best interest of the City of Rochester will be served by such action.
- 19.2 The Purchasing Agent reserves the right to reject any bid that is unrealistic or where a disproportionate unit cost is proposed.
- 19.3 The Purchasing Agent reserves the right to reject any bidder who proposes an unacceptable product or cannot prove to the satisfaction of the City its ability to execute the terms and conditions of this contract.

20. INFORMALITIES

The City of Rochester reserves the right to consider informal a bid not prepared and submitted in accordance with the provisions of these specifications. It furthers reserves the right to waive any minor informality in form, but not in substance.

21. INTERCHANGEABILITY

- 21.1 All assemblies, sub-assemblies and component parts, etc., of the items supplied under these specifications shall be interchangeable throughout the quantity of units supplied.
- 21.2 The items furnished under these specifications shall be new and shall be the manufacturer's current production model.

22. MOTOR VEHICLES REGULATIONS

The Equipment delivered shall be furnished with all equipment necessary to comply with all applicable rules and regulations of the New York State Department of Motor Vehicles

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

and shall be equipped with Safety Standards required by the Federal Motor Vehicles Safety Standards established by the National Traffic Safety Administration, and the Safety Standards required by O.S.H.A. with reference to the operation of such vehicle(s) within the State.

23. SERVICING ON DELIVERY

Each vehicle shall be completely serviced. Service shall include not less than the following: Lubrication, wash, wiring and lighting check, body conditioning and all other checks and adjustments required for proper complete servicing of new equipment. Particular attention shall be given to wiring, hardware, paint condition and overall operation. It shall be the contractor's responsibility to insure at that time that all components and accessories have been properly installed.

24. INSPECTION OF WORK

24.1 Representative and/or agents of the City of Rochester as designated by the Purchasing Agent of the City of Rochester shall for the purpose of inspection, have free and safe access at any and all reasonable times to the buildings and shops of the Contractor, his subcontractors and material men, wherever any items for this Contract are being prepared or manufactured.

24.2 If, during the final inspection of item or items to be furnished under this contract, any are found to be defective, or fail in any way to meet the terms of the contract, or fail to meet any of the specifications, the item or items will be rejected by the Purchasing Agent of the City of Rochester. Any rejected item or items shall be altered or replaced to comply with the specifications at the expense of the Contractor.

24.3 If the item or items called for in the specifications are delivered and fail to meet specifications in any respect, the bidder will be notified and he will arrange for their removal from the City of Rochester property at no expense to the City of Rochester. If the successful bidder fails to remove the items which, in the opinion of the Purchasing Agent of the City of Rochester, do not meet specifications, the City will arrange to have such items removed and any expense connected therewith will be the responsibility of the Contractor.

25. PAYMENT OR ACCEPTANCE NOT CONCLUSIVE

25.1 No payment made under the contract shall be conclusive evidence of the performance of the contract, either wholly or in part, and that no payment made for the delivery of the items in whole or in part shall be construed as an acceptance of defective work or improper materials, nor relieve the Contractor from making good the defects.

25.2 The final acceptance shall not be binding upon the City of Rochester nor conclusive, should it subsequently develop that the Contractor had furnished inferior items or had departed from the specifications and/or the terms of the Contract. Should such a condition become evident, the Purchasing Agent of the City of Rochester shall have the right, notwithstanding final acceptance and payment, to cause the items or item to be properly furnished in accordance with

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

the specifications (and drawings, if any) at the cost and expense of the Contractor, or his Surety, if any.

26. GUARANTEES AND WARRANTIES

- 26.1 The Contractor shall guarantee all equipment furnished for a period of two (2) year from date of in service if such equipment is not included in the manufacturer's standard warranty.
- 26.2 The Contractor hereby warrants and guarantees for a period of two (2) year from date of in service, he will, at his own expense and without any cost to the City, replace all defective parts and make any repairs that may be required or made necessary by reason of defective design, material, or workmanship, or by reason of non-compliance with these specifications. Any warranty offered by the manufacturer, over and above this two (2) year minimum warranty, shall be deemed to be part and parcel to these specifications.
- 26.3 Contractor shall also furnish a copy of the standard factory warranty.

26.4 SPECIAL REQUIREMENT

If the Contractor is local, i.e., within the City of Rochester and/or within twenty (20) road miles of the Rochester Municipal Garage at 945 Mt. Read Blvd., the City will deliver the vehicles to the Contractor's garage for work to be performed only after the warranty has expired and pick up the vehicle(s) when work is completed.

- 26.4.1 THE CONTRACTOR WILL ASSUME AT THEIR EXPENSE, ALL TRANSPORTATION COSTS IN MOVING THE EQUIPMENT SUPPLIED UNDER THIS CONTRACT, TO AND FROM THE CONTRACTOR'S SHOP WHERE WARRANTY AND/OR REPAIR IS TO BE PERFORMED.
- 26.4.2 In order to ensure rapid repair of vehicles and equipment to maintain response times, the City of Rochester's Equipment Services Division must be approved by the factory/manufacturer to perform in-house warranty repairs with all the books and forms required for reimbursement. The reimbursement rate will be the reimbursement rate shown on the Purchase Contract Proposal Page. Parts will be reimbursed at the prices shown on the Service Term Contract Proposal Page.
- 26.4.3 Warranty reimbursement is to be made in check form, not credit. This is not an attempt to replace the dealer as a warranty repair facility, but to reduce costs to the City and return vehicles to service as soon as possible.
- 26.4.4 Bidders must certify on the Purchase Contract Proposal and Service Term Contract Proposal that the manufacturer will approve the City to perform in-house warranty work.

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

- 26.4.5 Note: Failure to approve and certify the City of Rochester's Equipment Services Division as a factory/manufacture warranty repair facility will classify the bid as informal and subject to rejection.
- 26.4.6 When operational restraints do not permit the Equipment Services Division to repair and/or replace defective parts or subassemblies, the City will require the contractor to perform warranty repairs.
- 26.4.7 The contractor will be required to supply to the City all dollar amounts for each warranty claim performed by that contractor.
- 26.5 Repair work performed under the Service Term Contract shall be guaranteed for a minimum of thirty (30) days.
- 26.6 Parts or products supplied to the City under the Service Term Contract shall be certified as new, OEM or OEM approved, and guaranteed for the manufacturer's warranty period or thirty (30) days, whichever is longer.

27. PAYMENT

- 27.1 Payment for items delivered under the Purchase Contract proposal will be made by the City to the Contractor upon execution of invoices by the Contractor within thirty (30) days after the equipment has been delivered, inspected and accepted, and approved by the Purchasing Agent in conjunction with the ordering department's representative assigned to equipment purchases.
- 27.2 When a truck is delivered by the Contractor, the City may process the invoice for the full amount of the Contract price if in the Purchasing Agent's opinion the unit(s) is in compliance with the specifications. However, if poor workmanship or deviations from specifications exist, the City may process up to 80% of the contract price upon delivery and delay payment of the balance until contractor has made all necessary corrections.
- 27.3 The invoice(s) shall be forwarded to the ordering department.
- 27.4 The invoice(s) shall include not less than the following:
 - 27.4.1 City Contract Number
 - 27.4.2 Year, Make and Model of BODY(S) and CHASSIS
 - 27.4.3 Delivery Date
 - 27.4.4 Location of Delivery
- 27.5 Invoices for parts and services delivered under the Service Term Contract must include the following:
 - 27.5.1 Accurate item description
 - 27.5.2 Catalog number of the item
 - 27.5.3 Quantity

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

27.5.4 Unit price per item

27.5.5 Net total cost to the City, after discount

27.5.6 City contract number

27.5.7 Date of delivery

27.5.8 Location of delivery

27.5.9 Description of reason why the final invoice is different than the approved repair estimate, if applicable.

28. CERTIFICATES, MANUALS AND WARRANTIES

28.1 When the units are delivered, the Contractor shall deliver to the Purchasing Agent:

28.1.1 Documents of Title

28.1.2 Certificates of Title

28.1.3 Warranty and Guarantee Certificates

28.1.4 Certification specified in the Contract

28.1.5 Manuals specified in the Contract

29. SPECIAL NOTICE TO BIDDERS

The Purchasing Agent of the City of Rochester may require the successful bidder to furnish copies of all letters, correspondence of purchase orders placed with the various manufacturers or supplies for materials, supplies, and equipment being bid upon for which a contract had been awarded, as proof that the contract is being fulfilled as expeditiously as possible. Failure to furnish these documents within five (5) working days after receipt of a written request or, failure to submit documents which clearly demonstrate that the contract will be fulfilled within the required delivery date, may be deemed sufficient grounds for cancellation of the contract. The City of Rochester's Purchasing Agent's decision in these matters shall be accepted as final.

30. DEFAULT

30.1 The City may, subject to the provisions of paragraph .3 by written notice of default to the Contractor, terminate the whole or any part of this contract in any one of the following circumstances:

30.1.1 If the Contractor fails to make delivery of the supplies or to perform the services within the time specified herein or any extensions thereof; or

30.1.2 If the Contractor fails to perform any of the other provisions of this contract, or so fails to make progress as to endanger performance of this

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

contract in accordance with its terms, and in either of these two circumstances does not cure such failure within a period of ten (10) days (or such other period as the Purchasing Agent may authorize in writing) after receipt of notice from the Purchasing Agent specifying such failure.

- 30.2 In the event the Purchasing Agent of the City terminates this contract in whole or in part as provided in paragraph .1 of this clause, the City may procure, upon such terms and in such manner as the Purchasing Agent may deem appropriate, supplies or services similar to those so terminated, and the Contractor shall be liable to the City for any excess costs for such similar supplies or service; PROVIDED, That the contractor shall continue the performance of this Contract to the extent not terminated under the provisions of this clause.
- 30.3 The Contractor may be liable for any excess of costs unless he or she can prove to the Purchasing Agent that failure to perform the contract was due to causes beyond the control and without the fault or negligence of the Contractor.

31. SPECIFICATIONS AND PERFORMANCE CHARACTERISTICS

- 31.1 The detailed design specifications prescribed herein are intended to describe units which have been determined to meet performance parameters and characteristics required by the City of Rochester. Bidders having units which fully meet the intent of the specifications, may vary in non-substantial manner from the specified design characteristics, may offer such equipment as they can demonstrate meet the intended performance requirements. In such case the bidder shall be required to submit with his bid a detailed listing of design variances and a full explanation as to how the units offered will meet the desired performance characteristics. The City may also require on-site demonstration of the unit (s) offered to determine functional and structural equivalency such demonstration shall be made at no cost to the City. A decision as to equivalency shall be made by the City of Rochester whose decision shall be final.
- 31.2 The specifications are to establish a minimum acceptable standard. All products equal to these specifications will be considered provided they meet the following criteria and specifications.
- 31.3 Any references herein to a particular make or model are not intended to be restrictive, but to set forth an acceptable level of quality, design and performance.
- 31.4 Wherever in these specifications a particular make or model number is indicated, it is done solely to establish the level of quality desired. This should not be interpreted to mean that the make or model specified is the only one acceptable.
- 31.5 However, if the bidder submits a bid on a make or model other than specified, he must present with his bid a detailed specification describing the items he proposes to furnish.
- 31.6 The bidder shall point out in detail wherein the item(s) he proposes to furnish differs from the items called for in these specifications. The Purchasing Agent of the City of Rochester reserves the right to consider whether in his judgment, a substitute meets the requirements of this specification, and the Purchasing Agent's judgment shall be considered final.

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

- 31.7 Where any part or parts of the equipment are not specified or specifically mentioned, it shall be understood that what is usually provided as the manufacturer's stock model shall be furnished together with full appurtenances complete and ready for operation.

32. PARTS AVAILABILITY

The bidder understands and agrees that by submitting this bid he is obligated to make available to the City of Rochester Original Equipment Manufacturer's (OEM) parts for this equipment for a period of five years. In the event that during such five-year period the City is unable to establish a contract for the purchase of OEM parts by the standard advertised bidding process then the successful bidder agrees to supply to the City OEM parts at a price no greater than the then current Fleet List Price, F.O.B. delivered, within the time frames standard to the industry.

33. NON-COLLUSIVE BIDDING CERTIFICATION

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party certifies as to its own organization, under penalty of perjury, that to the best of knowledge and belief:

- 33.1 The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor;
- 33.2 Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed prior to the opening, directly or indirectly, to any other bidder or to any competitor;
- 33.3 No attempt has been or will be made by the bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.

BODY SPECIFICATIONS

34. BODY

- 34.1 Shall be cylindrical in design and completely hydraulically operated.
- 34.2 Shall be twenty-four (24) cubic yards.
- 34.3 Shall be approximately 25 feet with a rear concave door.
- 34.4 Overall body width shall be not less than eighty-four (84") inches (7'0").
- 34.5 Overall body width (outside fenders) shall not exceed ninety-six (96") inches

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

- 34.6 Shall be approximately ninety-eight (98") inches above the chassis frame.
- 34.7 The main section of body shall be not less than seven (7) gauge steel.
 - 34.7.1 The tailgate section shall be not less than seven (7) gauge steel.
 - 34.7.2 The body floor shall be 3/8" A570 Hi-tensile steel with replaceable channels.
- 34.8 Body shall be adequately braced at all points to withstand repeated applications of packing pressures without distortion of sides and/or members.
- 34.9 Loading of the body shall be accomplished through side doors, located on both sides of the body.
 - 34.9.1 Opening width shall be not less than 44" x 35 " with vertical hinge.
 - 34.9.2 Loading height shall not exceed seventeen (17") inches above truck frame.
 - 34.9.3 There shall be a skid-resistant step on each side of the body at the loading area, to facilitate loading.
- 34.10 The body shall be completely water tight and shall have a drain plug for ease in cleaning.
- 34.11 Unloading the body shall be accomplished without raising the body from the truck frame.
- 34.12 Body of the standard packer shall be modified for vacuum loading of leaves, paper, debris, and loading of refuse.
- 34.13 Front of body shall be fully enclosed.
- 34.14 The top of the body shall have a minimum open discharge area of 7500 square inches. The opening shall be constructed of expanded metal and a # 8 screen. Around the perimeter of the screen opening there shall be sixteen (16) tarp hooks to attach burlap covering.

35. PACKING OPERATION:

- 35.1 The packer panel shall be activated by a double acting telescopic cylinder.
- 35.2 Telescopic cylinder shall be suspended such that it will not come in contact with any liquid from garbage, trash, refuse, or material placed in the body.
- 35.3 The cylinder shall be capable of exerting 92,000 lbs. of output force.

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

36. DISCHARGE OF LOAD

- 36.1 The discharge of the load shall be accomplished by a positive ejection plate of 3/16" steel design.
- 36.2 The ejector plate shall be designed to assure that the ejector plate does not bind under packing and discharge operations and to protect against jamming due to refuse wedging between body and plate.
- 36.3 Ejector plate shall extend to give complete and clean unloading, and shall have three (3) replaceable wear slides per side.
- 36.4 The ejector plate hydraulic system shall be readily accessible for servicing.

37. TAILGATE

- 37.1 Tailgate (rear door) shall be hinged to the top of the body at the rear. The lower inside perimeter shall be equipped with a replaceable, water tight seal.
- 37.2 Shall be raised hydraulically by two (2), four (4") inch cylinders, or larger, with pilot check valves.
- 37.3 Tailgate (rear door) shall not be capable of being lowered while ejector panel is in the extended position.
- 37.4 Tailgate shall be hydraulically unlatched and latched from the drivers side without the operator going to the rear of the body.
- 37.5 Manual locking and unlocking is not acceptable.
- 37.6 A warning light, dash-mounted, to indicate when the tailgate is not in the fully closed position.
- 37.7 The backup alarm shall activate when the tailgate is open.

38. HYDRAULIC SYSTEM

- 38.1 The power-take-off shall be side mounted and matched to the Allison Automatic Transmission.
- 38.2 The power-take-off shall be SAE rated 'Extra Heavy Duty' Hot Shift type. The power-take-off provided shall be air-operated and switch shall be mounted within easy reach of driver.
- 38.3 The power-take-off and hydraulic pump shall be selected for a minimum engine RPM for correct operating pressures and gallons per minute.
- 38.4 The hydraulic pump shall be of the heavy duty type, with peak loading at frequent short intervals.

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

- 38.5 Hydraulic system shall have relief valves to protect all components from excessive pressure and overloads.
- 38.6 Hydraulic oil reservoir tank shall be a sufficient capacity to accommodate the necessary volume of oil without causing undue heating.
- 38.7 Hydraulic oil filter shall be of sufficient size and type to be capable of adequately filtering and protecting the entire hydraulic system. The filter provided shall be of the size and type recommended by the body manufacturer.
- 38.8 The reservoir tank shall also be equipped with:
 - 38.8.1 Clean-out Port
 - 38.8.2 Oil Level Gauge (Sight Gauge)
 - 38.8.3 Magnetic Sump Drain Plug
 - 38.8.4 Shut-off Valve between tank and suction part of pump
- 38.9 The reservoir tank and filler cap shall be clearly identified with epoxy lettering or other permanent-type manner, tape not acceptable.
- 38.10 A complete set of replacement filters for both the body and chassis shall be provided at time of delivery.
- 38.11 The system shall have the following Parker flush face quick couplers to attach to the City's existing hydraulic oil filtration cart:
 - 38.11.1 FEM5018FP female fitting to be located on bottom part of hydraulic tank
 - 38.11.2 FEM5028FP male fitting to be located on top part of hydraulic tank
 - 38.11.3 Caps: FER501 and FER502 shall be provided for fittings and be secured with a lanyard. (Locations to be approved by City)

39. HYDRAULIC HOSE AND FITTINGS

- 39.1 All lines shall be routed to eliminate any interference with other hydraulic fittings, drain plugs, etc., which shall be readily accessible for preventative maintenance.
- 39.2 Hydraulic lines shall not be installed near engine exhaust system.
- 39.3 Hoses shall be of proper length, supported by clamps or straps, and protected against abrasion from sharp edges and corners.
- 39.4 Steel pipe, properly installed, shall be used wherever possible to minimize the use of hose.

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

- 39.5 All hydraulic hose, tubing and fittings shall be SAE rated standard for designed pressures.
- 39.6 All hoses and tubing bends shall be large enough radius to prevent kinks or flat spots; kinks or flat spots in any hydraulic lines will not be acceptable.
- 39.7 Hoses, tubing and fittings shall be of adequate size and capacity to accommodate the necessary volume of oil without undue heating.
- 39.8 Fittings shall be the same for all trucks on a multiple unit order.
- 39.9 Hose and tubing shall be protected with plastic protective coil sleeve, AEROQUIP #900952, or City approved equivalent, at points where abrasion might occur.

40. CONTROLS

- 40.1 Ejector and tailgate controls shall be outside of cab at the drivers side front of the body.
- 40.2 All controls shall be clearly identified with epoxy lettering, stamping, or other permanent-type manner, tape not acceptable.
- 40.3 The compaction cycle shall be an auto pack push button control from the front right and left side of the body.
- 40.4 Actuation of the controls shall automatically accelerate the chassis engine to the proper RPM for packing or discharging a load.
- 40.5 Actuation of the controls shall disengage the auxiliary engine PTO clutch to prevent material from entering the body while the ejector plate is not stowed.
- 40.6 Engine controls shall be mounted on the curb side of the leaf collector in an instrument panel enclosure within easy reach from the ground. All controls and gauges and enclosures shall be marine quality.
- 40.7 Controls shall include voltmeter, oil pressure gauge, water temperature gauge, electric throttle, electric clutch engagement, tachometer, engine shutdown and hour meter.
- 40.8 All gauges shall be backlit for visibility and gauges and controls shall be clearly identified in a permanent manner, tape not acceptable.
- 40.9 All controls shall be isolated by a relay and protected by circuit breakers.
- 40.10 An automatic safety engine shutdown system shall be provided for low oil pressure, high water temperature, impeller inspection door open, and emergency stop button incident. An LED light shall denote what shutdown event was triggered.
- 40.11 Two (2) emergency engine shutdown switches shall be provided, one shall

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

be wired to a chassis supplied dash switch in the cab and the other shall be in the outside control panel.

41. WIRING AND LIGHTING

41.1 Wiring is to be for twelve (12) volts and of high quality. All terminals or connectors shall be "Weather Pac", fully enclosed and impervious to salt, chemicals, and corrosion. Heat shrink and liquid tape shall be used for all electrical connections when "Weather Pac" connectors are not possible.

41.1.1 Exposed wiring or terminals are not acceptable.

41.2 All wiring shall be totally enclosed in metal conduits or Velvac Plastic Tubing and securely fastened to the exterior of the body.

41.3 NOTE: Wiring and conduit run through the interior of the body or body channeling will not be acceptable.

41.4 Stop lights, tail lights, directional lights, and back-up lights for both the chassis and body will be Truck Lite LED fully protected from damage.

41.5 All reflectors shall be the stick on type and mounted to the body.

41.6 Traffic Guide Arrow – Star model TD93DLXT A RO 84" and shall be mounted on the upper portion of the tailgate (rear door) and shall not exceed the height of the main body.

41.7 Strobe – Star model #200A1H8L-A mounted on top rear door below the Roof line.

41.8 FACTORY CAB AUXILIARY SWITCHES (UPFITTER SWITCHES)

If factory upfitter switches and lights are available for equipment such as strobes, work lights, PTO, pumps, body control circuits, event warning, etc. the chassis shall be provided with such switches sufficient to control all auxiliary equipment. When the factory auxiliary switches and lights are available they will be used to provide the control for the intended equipment, NO EXCEPTIONS. Factory labels for these switches and lights shall be provided.

42. VACUUM LEAF AND LITTER ATTACHMENT

It is the intent of these specifications to describe an engine-driven suction unit for vacuum collection of leaves, paper, cans and similar debris. The vacuum attachment shall be designed and engineered for use with the side loading packer body as described above, and shall operate as an integral unit.

43. AUXILIARY ENGINE

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

- 43.1 Shall be diesel fueled, four (4) cylinder, four (4) cycle, water cooled Engine, wet sleeve type.
- 43.2 Shall be minimum 275 cubic inch displacement.
- 43.3 Shall have a minimum of 84 horsepower at 2400 rpm.
 - 43.3.1 Minimum crank case capacity of eight (8) quarts.
- 43.4 Shall have a heavy duty trash style pressurized radiator with minimum of three cores.
 - 43.4.1 Shall have permanent type anti-freeze set to not more than -40 degrees F.
 - 43.4.2 Radiator shall be tagged to indicate the type anti-freeze and the degree of protection provided.
 - 43.4.3 Shall have radiator protection from clogging by auxiliary grill system that can be quickly removed without the use of tools. The grill shall be constructed of ½ " expanded metal a with 1/8" hardware screening. Fine screening that will not pass air is not acceptable. The grill will be painted powder coat black and will have a bottom hinge.
- 43.5 Shall be equipped with a 12 volt electric system with a heavy duty starter, alternator, 850 CCA battery and key ignition switch.
- 43.6 The engine shall be equipped with the following items:
 - 43.6.1 High-Low governor
 - 43.6.2 Dry type air cleaner
 - 43.6.3 Spin on oil filter
 - 43.6.4 Self adjusting Poly-vee fan drive
 - 43.6.5 Fuel filter with heated water separator and screen mesh filter and a check valve.
- 43.7 The engine shall be fully enclosed in a custom metal housing with front and rear access door with stamped openings for ventilation. The top shall be removable and have hinged access doors for the radiator and oil fill. The sides and top shall be latched in places with positive latches.
- 43.8 Auxiliary engine fuel system shall be connected to, and draw from, the chassis fuel tank.
- 43.9 Engine shall be equipped with the following items:
 - 43.9.1 Locking type throttle, panel mounted convenient to operator.

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

43.9.2 Automotive type muffler for quiet operation.

43.9.3 High - Low governor.

43.9.4 Dry type air cleaner.

43.9.5 Replaceable type engine oil filter.

43.10 Engine shall be equipped with the following gauges:

43.11 Oil pressure.

43.12 Water Temperature.

43.13 AMP meter.

43.14 Engine hour meter.

43.15 Engine tachometer.

43.16 Engine safety controls - high engine temperature, low water and low oil pressure engine cut off safety switches with dash mounted indicating lights and warning buzzers.

43.17 All gauges and instruments shall be of the direct reading type.

43.18 All gauges and instruments shall be clearly identified in a permanent manner, tape not acceptable.

43.19 Turbo auxiliary engine not acceptable due to the increased fuel consumption and accelerated engine wear at high rpms.

43.20 Automotive type heavy duty motor mounts.

44. DRIVE

Drive from engine to impeller fan shall be one (1) Kevlar belt, four (4) groove type.

45. PTO

45.1 PTO engagement shall be by means of a hydraulic assist cylinder that prevents abrupt engagement and consistent engagement throughout its operation.

45.2 Activation of the auto clutch shall be by means of an electric switch mounted on the control panel.

45.3 The PTO shall disengage when any packer body controls are activated.

46. IMPELLER

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

- 46.1 Shall be statically and dynamically balanced.
- 46.2 To be self cleaning.
- 46.3 To have six (6) heavily gusseted blades 3/8" thick abrasion resistant steel with a Brinell hardness not less than 400.
- 46.4 Shall be welded to a 32" backing plate 1/4" thick.
- 46.5 The shaft shall be supported by two 2 1/2" diameter four bolt flange bearings.
- 46.6 Suction capability shall be not less than 120 MPH through a sixteen (16") inch diameter hose at governed speeds.

47. HOUSING

- 47.1 Shall be minimum of ten (10) gauge welded steel.
- 47.2 Front and back plate shall be a minimum of seven (7) gauge steel, fitted with a two (2) piece, 1/4" thick abrasion resistant liner continuously supported on all sides and secured without the use of bolts or welding to facilitate ease of removal.
- 47.3 Shall have an additional 1/4" bolt in liner to protect the housing area where material is split between the existing and re-circulating.
- 47.4 Housing shall have an inspection /cleanout door, side hinged equipped with a safety kill switch.
- 47.5 Shall have a water drain hole in the bottom of the housing.
- 47.6 All holes for mounting shall be drilled. Torch burning of holes will not be accepted.
- 47.7 The housing shall have a rectangular extension, ten (10) gauge, of the blower housing, topside and horizontal, that will discharge material through the packer's ejection blade. There will be a hinged door on the ejection blade that allows material to blow through.

48. INTAKE ASSEMBLY

Intake assembly shall be manufacturer's standard and shall include all appurtenances necessary to make a complete and operational unit. The intake attachment shall include not less than the following:

- 48.1 Heavy duty wire reinforced urethane flexible hose.
- 48.2 Hose shall be a minimum of twelve (12') feet long.
- 48.3 Shall be a minimum of sixteen (16") inches in diameter.
- 48.4 Hose control handle attached to nozzle with replaceable wear

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

edges.

- 48.5 Controls for engine rpm and boom operation
- 48.6 The hose shall be attached to the housing with a straight flange intake.
- 48.7 Shall be mounted on the curb side of the body.

49. HYDRAULIC BOOM

- 49.1 The boom shall pivot into a work/travel position on two heavy duty two bolt flange bearings and a 1.5" dia. Shaft assembly. Shaft bushing and bearings shall have zerk grease fittings.
- 49.2 A valve section in the body's hydraulics shall be provided to operate the boom. An adjustable flow control valve shall limit the booms downward speed. The boom allows the operator to position the intake hose with little effort.
- 49.3 The boom shall be able to pivot the hose rearward along the body into the travel position and pivot forward to allow the hose to be used in front of the intake housing.
- 49.4 The intake hose raises and lowers by an electric (DC) operated hydraulic pump and motor with controls located on the intake hose nozzle.
- 49.5 The boom shall raise and lower by a hydraulic cylinder with a minimum 1 1/2:" diameter piston with a minimum stroke length of 12".
- 49.6 The hydraulic boom shall be mounted directly over the center of the suction hose so that it can work freely to the front or rear of the unit. Side mounted booms will not be acceptable.
- 49.7 The electric hydraulic pump to power the hose boom shall be conveniently located on the backside of the suction blower housing with a protective cover.
- 49.8 The hydraulic boom shall be straight for maximum strength. Booms with kinks or bends will not be acceptable.
- 49.9 The boom assembly shall be mounted to a pedestal base that has a minimum thickness of 1/4".
- 49.10 A quick disconnect coupler shall be used on the end of the hydraulic hose.
- 49.11 The controls to raise and lower the hydraulic boom shall be marine grade quality soft touch and are 100% waterproof. Units that have control boxes with o-ring seals are not acceptable.
- 49.12 Boom controls shall be located on the suction nozzle handle and can be positioned to match individual operators comfort.

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

50. MOUNTING

- 50.1 Mounting shall be to the chassis and body manufacturer's engineering specifications.
- 50.2 Any alterations to the truck cab and chassis shall be the responsibility of the body contractor, and shall conform to the truck cab and chassis manufacturer's specifications, and shall be approved in writing by the City of Rochester, prior to any alteration.
- 50.3 If it is necessary to move or relocate any vehicle components and/or trim the frame, it shall be the responsibility of the body contractor. Any component relocation and frame trimming shall conform to the chassis manufacturer's specifications and shall be approved in writing by the City of Rochester prior to any relocation and/or change.
- 50.4 Welding to the truck chassis frame will not be acceptable.
- 50.5 Cutting and/or drilling the truck chassis frame from the point forward of the rearmost spring hanger by means of flame torching will not be acceptable.
- 50.6 The successful bidder shall be responsible for mounting the bodies on the chassis so as to give proper weight distribution, and stability of entire vehicle.

51. CHASSIS DATA

- 51.1 Six (6) wheel 4x2, 38,000 GVWR
- 51.2 251" Wheelbase, approx.
- 51.3 186" CA, approx..
- 51.4 126" Axle to End of Frame, approx.
- 51.5 Front tow hooks
- 51.6 Reinforced outer frame "C" channel
- 51.7 Steel front bumper
- 51.8 Axle front – Meritor
- 51.9 Axle rear – Meritor with locking rear differential and magnetic drain plug
- 51.10 Suspension front taper leaf with shock absorbers
- 51.11 Suspension rear with multi leaf auxiliary
- 51.12 Engine diesel 350 HP @ 2000 RPM, 1150 ft. lbs. torque @1200RPM wet sleeve.

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

- 51.13 Engine Shutdown for low oil, high temp.
- 51.14 Engine and Transmission oil temperature gauges
- 51.15 Fuel filter with fuel/water separator
- 51.16 Spin on oil filter
- 51.17 Vertical exhaust behind the cab w/90 degree turn out, street side.
- 51.18 Air cleaner dual element with air restriction gauge
- 51.19 Body builders wiring for body wiring, PTO controls, etc.
- 51.20 Alternator Leece Neville brushless 185 amp
- 51.21 Delco 39 MT starting motor
- 51.22 Three (3) maintenance free batteries 2775 CCA
- 51.23 Block heater plug at the front grill
- 51.24 60 month engine warranty
- 51.25 Allison automatic 3000 RDS 6 speed with overdrive and PTO capable
- 51.26 Oil filter with oil pan magnetic rain plug
- 51.27 Oil cooler and synthetic oil
- 51.28 Automatic shift to neutral when parking brake is engaged
- 51.29 Bendix ABS dual air brake system with
- 51.30 Dash mounted air pressure guage
- 51.31 Front and rear slack adjusters and dust shields
- 51.32 Bendix automatic drain valve with heated air tank
- 51.33 Drain valve mounted in wet tank w/pull cord
- 51.34 Bendix AD-IP air dryer with heater
- 51.35 Miscellaneous
 - 51.35.1 2-way radio wiring in cab by chassis manufacturer to include speakers
 - 51.35.2 Backup alarm – Star 66-807A
 - 51.35.3 Clearance marker lights (5) Truck Light LED

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

- 51.35.4 Daytime running lights
- 51.35.5 Intermitant windshield wipers/washers electric motor
- 51.35.6 Electric horn
- 51.35.7 Circuit breakers, manual reset
- 51.35.8 Three (3) keys each vehicle, all vehicles keyed alike.
- 51.35.9 Fuel Tank 80 gallon
- 51.35.10 Cab interior and exterior grab handles
- 51.35.11 Drivers seat air suspension with high back
- 51.35.12 Passenger seat, manufacturers standard
- 51.35.13 Air conditioning
- 51.35.14 Wheels white painted steel hub piloted front and rear
- 51.35.15 Wheel guards front and rear and hub piloted
- 51.35.16 Wheel bearings front with Lube synthetic oil
- 51.35.17 Front tires 315/80R22.5 G289 WHA Goodyear load range L, 20 ply
- 51.35.18 Rear tires 11R22.5G182RSD Goodyear load range H, 16ply
- 51.35.19 Body remote power module mounted outside cab behind drivers seat with up to six (6) inputs and outputs for body install.
- 51.35.20 Dash mounted body indicator lights for tailgate open, PTO engaged
- 51.35.21 Julian jump start system
- 51.35.22 Driver and passenger arm rests
- 51.35.23 24 month bumper to bumper warranty
- 51.35.24 AM/FM radio with auxiliary input
- 51.35.25 Driver and passenger power mirrors, largest available with convex insert.
- 51.35.26 Convex mirrors, right and left sides, hood mounted

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

51.36 All three vehicles to have dual steering sit down drive with the following:

- 51.36.1 Dual steering to have integral columns and shaft guards
- 51.36.2 Left hand tilt steering to be provided.
- 51.36.3 Right hand steering column to be provided.
- 51.36.4 Dual OEM accelerator, brake.
- 51.36.5 A full cross-over system to change the steering control, throttle and all gauges from left to right and vice versa. All cross-over functions shall be controlled by a single heavy duty switch on the dash reachable from both left and right side. This circuit shall be interlocked to the parking brake and shall only be capable of being activated with the parking brake applied.
- 51.36.6 Automatic transmission shifter and headlamp switch to be relocated to the center of the dash.
- 51.36.7 Air brake, to be reachable from both driver positions.
- 51.36.8 Right hand auxiliary OEM instrument panel to include wipers, horn and turn signal controls.
- 51.36.9 Dual center mounted cup holders.

52. PAINING

- 52.1 The bodies and all related equipment shall be painted in accordance to the paint manufacturer's specifications, as specified herein and shall be lead, chromate and isoyanate free.
- 52.2 The bodies and all related equipment shall be coated with two (2) primer coats, and then two (2) finish coats.
- 52.3 Prior to the application of any coatings, all surfaces shall be thoroughly cleaned and conditioned to the paint manufacturer's specifications, as specified herein.
- 52.4 The primer shall be applied in accordance with the paint manufacturer's specifications.
- 52.5 There shall be two (2) finish coats. Chassis paint color – Sikkens # 4039 Fire Yellow. The body finish coats shall be 'Dupont #45324 Green. The finish coat material shall be applied in accordance to the paint manufacturer's specifications.
- 52.6 Total material thickness, including primer and finish shall be a minimum of 4.0 mils. dry film.

53. MISCELLANEOUS

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

- 53.1 The contractor shall install in a permanent manner one (1") inch letters, on the instrument panel of the truck, the minimum overhead clearance required. The location shall be within easy view of the driver and shall be approved by the City prior to the delivery.
- 53.2 Caps for filler necks to be plainly marked by means of stamping or raised steel letters, or with epoxy lettering. Caps shall be permanently secured to the filler necks with a metal chain.
- 53.3 Mud flaps shall be furnished and mounted in front and rear of the rear Tires, devoid of all advertising.
- 53.4 Conspicuity stripping shall run down the full length of both sides and rear door of the body including ICC bumper and must comply with D. O. T. and NHSTA standards. All reflectors shall be stick-on type. Reflectors shall be devoid of all advertising.
- 53.5 All service steps and platforms shall be constructed of open grid (Grip-Strut).
- 53.6 All gauges and instruments are to be graduated and of the [positive (direct reading) type.
- 53.7 All instruments, gauges and switches shall be identified in a permanent lettering, tape not acceptable.
- 53.8 The contractor shall furnish the City a certified weight slip stating the vehicle's unladen weight. This slip is to be furnished at time of delivery.

A complete set of replacement filters for both the body auxiliary engine and chassis shall be provided at time of delivery.

54. MOBILE RADIO

- 54.1 Motorola two-way radio, CDM 1550 LS, and heavy duty microphone with locking kit B81, mounted with external speaker and heavy duty microphone. Mounting to be done by Flower City Communications in Rochester, New York.

- 54.2 See below for radio transmit frequencies

Mobile Crew Vehicles

Channel	Display	RX - Freq	Tx - Freq	Rx - Squelch	Tx - Squelch
1	Special Serv	161.430	161.430	TPL 114.8	TPL 114.8
2	Refuse	156.105	156.105	TPL 114.8	TPL 114.8
3	Water	153.410	153.410	TPL 123.0	TPL 123.0
4	Forest/Parks Rpt	159.390	154.980	TPL 114.8	TPL 114.8
5	Forest/Parks	159.390	159.390	TPL 114.8	TPL 114.8
6	MST/Cemeteries	155.805	155.805	TPL 114.8	TPL 114.8

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

7 Weather 162.400 Blank CSQ
8 MDC 1200 Signaling Vehicle fleet # (last 4 digits) Post Tx

P1 = Monitor
Scan Not enabled
Narrowband all channels

- 54.3 Antenna shall be mounted to radio manufacturer's specifications.
- 54.4 The radio shall be connected with proper size wire and fused to the ignition. When radio is programmed, display shall read Special Services, Water, Parks, Refuse, Weather.
- 54.5 The radio shall be in the PL (private line) mode per City frequency. ANI (automatic numeric identification) device to be installed.
- 54.6 The exact location of the radio mounted in the cab shall be determined by the City.

55. MANUALS

- 55.1 The successful bidder shall supply for the packer/leaf collector and all components and cab and chassis:
 - 55.1.1 Three (3) factory shop manuals.
 - 55.1.2 Three (3) parts manuals.
 - 55.1.3 Three (3) schematic drawings of complete electrical wiring system.
 - 55.1.4 Three (3) lubrication charts.
 - 55.1.5 Three (3) hydraulic charts.
 - 55.1.6 Three (3) operator's manuals for each body supplied.
- 55.2 This data is to be supplied at the time of the delivery of the vehicle(s) to the City of Rochester.

56. TECHNICAL SERVICE BULLETINS

The contractor shall also furnish any and all bulletins, modification notices, service letters and related addenda, throughout the life of equipment being furnished under this contract. These data shall be sent to the City of Rochester, Bureau of Equipment Services, 945 Mt. Read Blvd., Rochester, N.Y. 14606.

57. LINE TICKETS

The successful bidder shall furnish at the request of the Purchasing Agent of the

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

City of Rochester a copy of the factory line ticket covering each and every component of the packer body, by make or model and serial number of the components. This data shall be furnished for each unit at the time of delivery of the equipment covered in this contract.

58. TRAINING

- 58.1 The contractor shall provide the services of qualified factory technician(s) for a period of not less than three (3) full working days at the City of Rochester shop(s) to train and instruct City personnel; minimum two (2) days for operator training and minimum one (1) day for in-depth preventative maintenance and review of the proper usage of parts and service manuals. These services shall be so provided at a time so designated by the Purchasing Agent of the City. The contractor shall be so advised by the Purchasing Agent of the City ten (10) days prior thereto.
- 58.2 The successful bidder shall also be required to provide a second session at a time so selected by the Purchasing Agent of the City to review the results of their instructions, and the functions of the equipment after having been in service. The contractor shall be so advised by the Purchasing Agent of the City ten (10) days prior thereto.

59. ADVERTISING

Except for inconspicuous identification plates, serial number plates, precautionary instruction plates, etc., no name trademark, decal or other identification, other than that of the manufacturer, shall be applied to the vehicle. IDENTIFICATION OF CHASSIS AND EQUIPMENT DEALERS AND INSTALLERS SHALL NOT BE ATTACHED TO THE VEHICLE. IN ANY INSTANCE OF VIOLATION OF THESE RESTRICTIONS, THE COST TO THE CITY FOR REMOVAL OF SUCH ADVERTISING WILL BE DEDUCTED FROM CONTRACTOR'S OUTSTANDING INVOICE.

60. DATA PLATE

Identification plates listing data specifically applicable to the vehicle shall be permanently and inconspicuously installed on the appropriate piece of equipment. Plates shall include at least the model and serial number.

61. MANUFACTURER'S SAFETY DATA SHEETS

The successful bidder must supply complete Manufacturer's Safety data Sheets (MSDS) for each chemical or hazardous material required with this equipment, such as propane, heat transfer oil, motor oil, hydraulic fluid, insulating materials and any additional products of this type.

62. POLITICAL SUBDIVISIONS

Bidders should note that other political subdivisions may participate in the contract resulting from this bid award as authorized by General Municipal Law. Use of this contract by any other political subdivision must be coordinated between that subdivision and the contractor. The City will have no responsibility for any such purchases and will have no other role than to provide other political subdivisions a copy of this contract if requested.

PROPOSAL - cont.

SERVICE TERM CONTRACT PROPOSAL

PERCENTAGE DISCOUNT OFF PARTS FOR THREE (3) SIDE LOAD REFUSE BODIES WITH LEAF COLLECTORS:

PART I.

PARTS DISCOUNT FROM CURRENT PRICE LIST FOR DELIVERY TO THE CITY: _____%
OFF LIST PRICE

PRICE LIST NUMBER: _____

DATE OF PRICE LIST QUOTED: _____

PART II.

LABOR RATE PER HOUR FOR CONTRACTOR'S IN-HOUSE SHOP REPAIRS: \$ _____/ HOUR

PART III.

PARTS DISCOUNT FROM CURRENT PRICE LIST FOR ITEMS USED BY THE CONTRACTOR FOR IN-HOUSE REPAIRS: _____%

PRICE LIST NO. _____

PRICE COLUMN USED _____

DATE _____

GUARANTEED DELIVERY A.R.O. _____

BIDDER CERTIFIES THAT THE CITY OF ROCHESTER WILL BE APPROVED TO PROVIDE IN-HOUSE WARRANTY REPAIRS (CHECK BOX): _____ YES _____ NO

Authorized Signature

Typed Name and Title of Authorized Signer

Typed Name of Company
(Continued through Page 38A)

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

QUESTIONNAIRE FORM FOR CITY SPECIFICATIONS

TO BE FILLED IN BY BIDDER AND PRESENTED WITH BID PROPOSAL

PROPOSED CHASSIS: MAKE _____ MODEL _____

YEAR _____ GVWR _____

UNLADEN WEIGHT _____

MAXIMUM LOAD CAPACITY _____

GENERAL

DIMENSIONS: WHEELBASE _____ C.A. _____

ENGINE: MAKE _____ MODEL _____

NET HP. _____ NO. CYL. _____

CU. IN. DISP. _____

ENGINE OIL CAPACITY _____ QTS.

TRANSMISSION: MAKE: _____ MODEL: _____

FLUID TYPE _____ CAPACITY _____ QTS.

COOLING SYSTEM: CAPACITY _____ QTS.

TYPE RADIATOR _____

FLUID TYPE _____

STEERING: MAKE _____ MODEL _____

BRAKES: MAKE _____

FRONT SIZE _____

REAR SIZE _____

FRONT AXLE: MAKE _____ MODEL _____

REAR AXLE: MAKE _____ MODEL _____

CAPACITY _____ GEAR RATIO _____

Authorized Signature

Typed Name and Title of Authorized Signer

Typed Name of Company
(Continued through Page 38A)

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

QUESTIONNAIRE FORM FOR CITY SPECIFICATIONS - cont.

TO BE FILLED IN BY BIDDER AND PRESENTED WITH BID PROPOSAL

TIRES: MAKE _____ TYPE _____
FRONT SIZE _____ PLY _____ LOAD RATING _____
REAR SIZE _____ PLY _____ LOAD RATING _____

WHEELS: MAKE _____ TYPE _____
SIZE _____ CAPACITY _____
REAR: MAKE _____ TYPE _____
SIZE _____ TYPE _____

SUSPENSION: FRONTS SPRINGS: TYPE _____
CAPACITY _____
REAR SPRINGS: TYPE _____
CAPACITY _____

ALTERNATOR: MAKE _____ MODEL _____ CAPACITY
RATING _____

BATTERY: MAKE _____ C.C.A. _____

FRAME: TYPE STEEL _____ RBM _____

FUEL TANK: CAPACITY _____

LOCATION OF PART AND SERVICE FACILITY: Street and No. _____
City and State _____
Name of Bidder _____

Authorized Signature

Typed Name and Title of Authorized Signer

Typed Name of Company
(Continued through Page 38A.)

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

QUESTIONNAIRE FORM FOR CITY SPECIFICATIONS -- cont.

TO BE FILLED IN BY BIDDER AND PRESENTED WITH BID PROPOSAL

HYDRAULIC

PUMP: Make _____ Model _____

Capacity _____ gallons at _____ RPM

Operating Pressure _____ PSI at _____ engine RPM

Reservoir Tank Capacity _____ qts.

Location of Reservoir Tank _____

Hydraulic Oil filter Make _____ Model _____

HYDRAULIC Operating Pressure _____ PSI at _____ engine RPM

Reservoir Tank Capacity _____ qts.

Location of Reservoir Tank _____

Hydraulic Oil filter Make _____ Model _____

PACKING: Location _____

CONTROLS: Type _____

Authorized Signature

Typed Name of Authorized Signature

Typed Name of Company
(Continued through Page 38A)

REFUSE BODIES - SIDE LOAD WITH LEAF COLLECTOR - ADDENDUM

PROPOSAL

PRINT OR TYPE THE FOLLOWING INFORMATION:

Name of Firm or Corporation

Street Address

City State Zip Code

Telephone / Fax No./ Cell No. Federal Employer Identification No.

E-mail Address of Recipient of Contract Awards and Extensions

Date

ACCEPTED ON BEHALF OF THE CITY OF ROCHESTER FOR:

Contract No. _____ Contract Term: _____

Purchasing Agent

Date: _____